Amendments to the Claims

22. (Currently amended) A communication system comprising: a first endpoint device having an audio transducer and a display screen having an array of individually addressable pixels; a first server which has residing therein at least one application which generates, on behalf of the first endpoint device, pixel-level display data for at least one portion of the screen ~~affects the image on at least one portion of the screen~~ and which server performs signaling ~~signalling~~ for controlling an audio connection between the first endpoint device and a remote device; and a network connecting the first endpoint device to the server by a non-dedicated communication path for supplying the pixel-level display data from the server to the first endpoint device.

23. (Currently amended) A system as claimed in claim 22, in which the first server contains sufficient information to permit regeneration of ~~be able to regenerate~~ an image on the at least one portion of the screen.

24. (Previously presented) A system as claimed in claim 22, in which the network is a packet switching network.

25. (Currently amended) A system as claimed in claim 23 ~~22~~, in which the first endpoint device contains insufficient information to permit regeneration of the image on the at least one portion of the screen.

26. (Previously presented) A system as claimed in claim 22, comprising a plurality of second endpoint devices, each of which is of the same type as the first endpoint device.

27. (Previously presented) A system as claimed in claim 22, comprising a plurality of second servers, each of which is of the same type as the first server, the first and second servers being connected together by the network.

28. (Previously presented) A system as claimed in claim 22, in which the network includes a public switched telephone network.

29. (Currently amended) A system as claimed in claim 22, in which the first endpoint device comprises a frame buffer for storing pixel-level display data in a display format ready for display by the screen.

30. (Previously presented) A system as claimed in claim 29, in which the first endpoint device comprises an updating circuit for replacing data in the frame buffer with fresh data in a transmission format from the first server.

31. (Previously presented) A system as claimed in claim 30, in which the first endpoint device comprises an interface for interfacing between, on a first side, the updating circuit and the transducer and, on a second side, the non-dedicated communication path.

32. (Previously presented) A system as claimed in claim 31, in which the non-dedicated communication path is a single channel path carrying audio and non-audio data.

33. A system as claimed in claim 22, in which the first endpoint device comprises a position measuring system for measuring the position of a pointer relative to the screen.

34. (Previously presented) A system as claimed in claim 31, in which the first endpoint device comprises a position measuring system for measuring the position of a pointer relative to the screen.

35. (Previously presented) A system as claimed in claim 34, in which the position measuring system comprises a position measuring transducer and a converter

connected to the interface on the first side for converting the measured relative position to data representing coordinates of the measured relative position.

36. (Currently amended) A system as claimed in claim 22, in which the at least one application supplies the pixel-level display data for affecting the image to the first endpoint device in response to a request from the first endpoint device.

37. (Currently amended) A system as claimed in claim 30, in which at least one application is operable to convert ~~converts~~ the data for affecting the image from an application format to the transmission format.

38. (Currently amended) A system as claimed in claim 36, in which the at least one application is operable to supply ~~supplies~~ data for affecting the image to the first endpoint device via a first in/first out buffer.

39. (Currently amended) A system as claimed in claim 38, in which, when the buffer contains first and second items of the data for affecting the image, which first item was supplied to the buffer before the second item and which first and second items contain pixel-level display ~~image~~ data for the same region of the screen, the at least one application is operable to delete ~~deletes~~ the pixel-level display ~~image~~ data from the first item.

40. (Currently amended) A system as claimed in claim 37, in which the at least one application is operable to form ~~forms~~ the data for affecting the image as a sequence of blocks, each of which comprises a polygonal region of the screen and coordinates representing the position of the polygonal region on the screen.

41. (Previously presented) A system as claimed in claim 22, in which the screen is an interactive screen for initiating the audio connection.

42. (Currently amended) A system as claimed in 41, in which the at least one application sends, to the first endpoint device, pixel-level display data for producing an image of a control on at least one portion of the screen.

43. (Previously presented) A system as claimed in claim 42, in which the image of the control comprises an image of a keypad.

44. (Previously presented) A system as claimed in claim 42, comprising a plurality of second endpoint devices, each of which is of the same type as the first endpoint device, and in which the image of the control comprises a plurality of images, each of which represents a respective one of the second endpoint devices.

45. (Previously presented) A system as claimed in clam 44, in which each of the plurality of images comprises a character string identifying the respective one of the second endpoint devices.

46. (Previously presented) A system as claimed in claim 42, in which the image of the control comprises a plurality of images, each of which represents a respective subscriber of the network.

47. (Previously presented) A system as claimed in claim 46, in which each of the plurality of images comprises a character string representing the name of the respective subscriber.

48. (Previously presented) A system as claimed in claim 46, in which each of the plurality of images comprises a representation of the appearance of the respective subscriber.

49. (Previously presented) A system as claimed in claim 42, in which the first endpoint device comprises a pointer measuring system for measuring the position of a pointer and in which the first endpoint device supplies the position of the pointer to the at least one application, which stores the position on the screen of the image of the control and compares the stored position with the measured position of the pointer for initiating the audio connection.

50. (Previously presented) A system as claimed in claim 33, comprising a plurality of second endpoint devices, each of which is of the same type as the first endpoint device, and in which the at least one application causes, after initiation of the audio connection between the first endpoint device and a selected one of the second endpoint devices, the screen of the first endpoint device to display a first path image comprising a first path representing at least some of consecutively measured positions of the pointer relative to the screen of the selected second endpoint device.

51. (Previously presented) A system as claimed in claim 50, in which the at least one application causes the screen of the selected second endpoint device to display the first path image.

52. (Previously presented) A system as claimed in claim 50, in which the at least one application causes the screen of the first endpoint device to display a second path image comprising a second path representing at least some of consecutively measured positions of the pointer relative to the screen of the selected second endpoint device.

53. (Previously presented) A system as claimed in claim 52, in which the at least one application causes the screen of the selected second endpoint device to display the second path image.

54. (Previously presented) A system as claimed in claim 52, in which the first and second paths are visually distinguishable from each other.

55. (Previously presented) A system as claimed in claim 54, in which the first and second paths are of different colours.

56. (Previously presented) A system as claimed in claim 22, in which, after initiating the audio connection, at least one part of the screen displays a further image representing image data supplied by a remote apparatus.

57. (Previously presented) A system as claimed in claim 56, in which the remote apparatus comprises the remote device.

58. (Previously presented) A system as claimed in claim 56, in which the remote apparatus comprises a remote server.

59. (Previously presented) A system as claimed in claim 58, in which the remote server serves the remote device.

60. (Currently amended) A method of operating a communication system of the type comprising: a first endpoint device having an audio transducer and a display screen having an array of individually addressable pixels; a first server which has residing therein at least one application ~~which affects the image on at least one portion of the screen~~; and a network connecting the first endpoint device to the server by a non-dedicated communication path, the method comprising performing, in the server, signaling ~~signalling~~ for controlling an audio connection between the first endpoint device and a remote device; using the application to generate, on behalf of the first endpoint device, pixel-level display data for at least one portion of the screen; and supplying the

pixel-level display data from the server to the first endpoint device over the non-dedicated communication path.

61. (Previously presented) A computer program for controlling a computer to perform a method as claimed in claim 60.

62. (Previously presented) A storage medium containing a program as claimed in claim 61.

63. (Previously presented) A method as claimed in claim 60 , comprising using the screen for initiating the audio connection.

64. (Previously presented) A method as claimed in claim 60, in which the first endpoint device has a position measuring system for measuring the position of a pointer relative to the screen and the system comprises a plurality of second endpoint devices, each of which is of the same type as the first endpoint device, the method comprising, after initiation of the audio connection between the first endpoint device and a selected one of the second endpoint devices, causing by means of the at least one application the screen of the first endpoint device to display a path image comprising a first path representing at least some consecutively measured positions of the pointer relative to the screen of the selected second endpoint device.

65. (Currently amended) A method as claimed in claim 60, comprising, after initiating the audio connection, displaying on at least one part of the screen a further image representing pixel-level display ~~image~~ data supplied by a remote apparatus.